

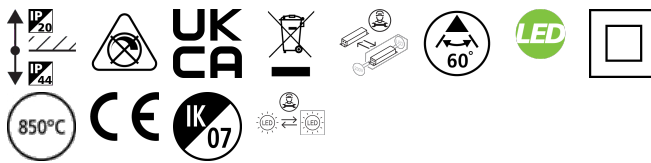
INSAVER SLIM 205/225 MULTIPOWER

Insaver Slim U19 IP44 225 Multipower 1000-2100 830
0030388



Product features

- Ceiling recessed LED downlight. With the help of DIP Switch multiple lumen outputs can be set up in 6 steps (7.7W 1000lm, 9.2W 1200lm, 11.6W 1500lm, 13W 1650lm, 15.5W 1940m, 17W 2100lm). Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver ; 3000K; UGR <19 with shallow product depth 60mm.



PRODUCT OVERVIEW

Product name	Insaver Slim U19 IP44 225 Multipower 1000-2100 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	2100
Luminaire efficacy (lm/W)	124
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	17
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303888
Dimming method	N/A

DATA TABLE

General data

Product name	Insaver Slim U19 IP44 225 Multipower 1000-2100 830
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Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2100
Luminaire efficacy (lm/W)	124
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	17
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Drive current (mA)	450
Inrush Current (A)	4.92
Inrush Duration (µs)	102
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	62
Max. Luminaires per 13A C Breaker	81
Max. Luminaires per 16A C Breaker	100
Max. Luminaires per 20A C Breaker	125

Lifetime data

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Lifespan L70 B50	90000
Lifespan L80 B20	90000
Lifespan L90 B10	39000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Silver
Nominal Product Length (mm)	240
Nominal Product Width (mm)	240
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	240
Cutout Dimensions (W x L in mm or Diameter in mm)	225
Weight (kg)	0.846

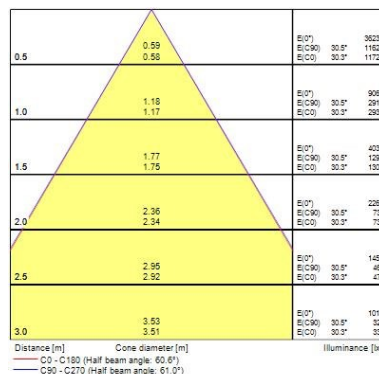
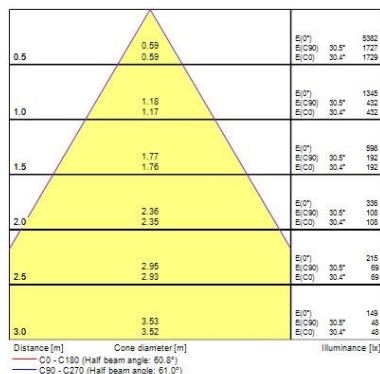
Packaging

Single packaging type	Carton
Product EAN number	5410288303888
Packaging single length / height (cm)	26.0
Packaging single width (cm)	25.5
Packaging single depth (cm)	8.0
DUN14 (outer)	15410288303885
Units per outer package	12
Packaging outer length / height (cm)	53.0
Packaging outer width (cm)	54.0
Packaging outer depth (cm)	26.0

Safety data

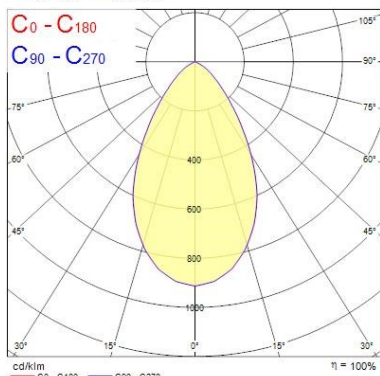
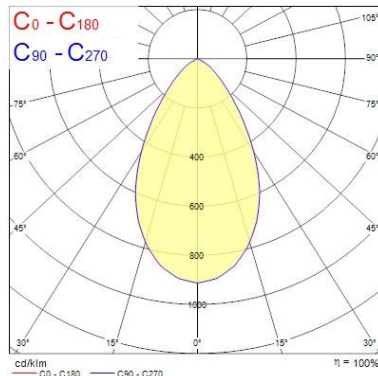
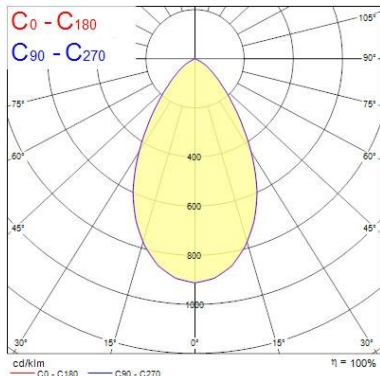
Optimal operating condition (°C)	-10-40
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PHOTOMETRY



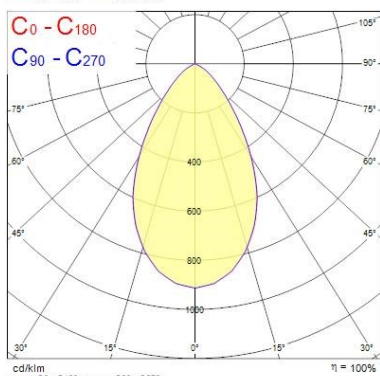
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Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.59	7630	2444	2451
1.0	1.18	1907	611	613
1.5	1.77	848	272	272
2.0	2.36	477	153	153
2.5	2.95	305	98	98
3.0	3.53	212	68	68

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 60.8°)
C90 - C270 (Half beam angle: 61.0°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.59	6014	1930	1933
1.0	1.18	1503	483	483
1.5	1.77	668	214	215
2.0	2.36	375	121	121
2.5	2.95	241	77	77
3.0	3.53	167	54	54

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 60.8°)
C90 - C270 (Half beam angle: 61.0°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.59	7018	2248	2254
1.0	1.18	1754	662	664
1.5	1.77	779	280	280
2.0	2.36	438	141	141
2.5	2.95	261	90	90
3.0	3.53	196	62	62

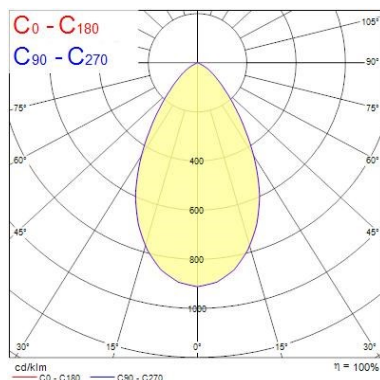
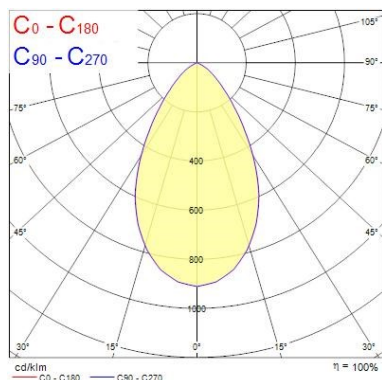
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 60.8°)
C90 - C270 (Half beam angle: 61.0°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.59	4318	1386	1387
1.0	1.18	1080	346	347
1.5	1.77	480	154	154
2.0	2.36	270	87	87
2.5	2.95	173	58	58
3.0	3.53	120	38	38

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 60.8°)
C90 - C270 (Half beam angle: 61.0°)

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TECHNICAL DRAWINGS

